



07-25-06

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Chang-Jun AHN
Serial No.: 10/582,815
Filing Date: June 14, 2006
For: TRANSMITTER, RECEIVER, TRANSMITTING METHOD,
RECEIVING METHOD, AND PROGRAM
Attorney Docket No.: 60,233-032

INFORMATION DISCLOSURE STATEMENT
UNDER 37 CFR 1.97 AND 1.98

Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

Dear Sir:

Pursuant to Rule 97 and in compliance with Rule 56, Applicant hereby makes of record the items listed on the attached Form SB/08. Copies of the foreign and miscellaneous reference are enclosed.

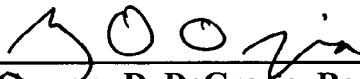
None of these item(s) disclose the inventive concepts claimed in the subject application.

Should there be a fee associated with this document, please charge it to Deposit Account No. 08-2789.

Respectfully submitted,

HOWARD & HOWARD ATTORNEYS, P.C.

July 24, 2006
Date


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CERTIFICATE OF EXPRESS MAILING

I hereby certify that the enclosed **INFORMATION DISCLOSURE STATEMENT** is being deposited with the United States Postal Service as Express Mail, postage prepaid, in an envelope as "Express Mail Post Office to Addressee," Mailing Label No. **EV695478130US** and addressed to Commissioner for Patents, P.O. 1450, Alexandria, Virginia 22313-1450 on **July 24, 2006**.

Tracy L. Smith

Tracy L. Smith

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PTO/SB/08A (08-03) (modified)

Approved for use through 07/31/2006 OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary) Sheet 1 of 2		Complete if Known	
		Application Number	10/582,815
		Filing Date	June 14, 2006
		First Named Inventor	Chang-Jun AHN
		Art Unit	Not Yet Assigned
		Examiner Name	Not Yet Assigned
		Attorney Docket Number	60,233-032

U.S. PATENT DOCUMENTS					
Examiner Initials ¹	Cite No. ¹	U.S. Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			

FOREIGN PATENT DOCUMENTS						
Examiner Initials ¹	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ₆
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
/A.C./	1	WO 2005/062509 A1	07-07-2005	National Institute of Information and Communications Technology		
/A.C./	2	PCT/JP2003/016275	12-18-2003	Communications Research Laboratory		
/A.C./	3	JP Abstract 2002-185428	06-28-2002	Symbol Technologies		
/A.C./	4	JP Abstract 2001-285242	10-12-2001	Seiko Epson Corp		
/A.C./	5	JP Abstract 10-107761	04-24-1998	Jisedai Digital Television Hoso Syst		

Examiner Signature	/Albert Chou/	Date Considered	12/19/2008
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		Art Unit	Not Yet Assigned
		Examiner Name	Not Yet Assigned
		Attorney Docket Number	60,233-032
Sheet	2	of	2

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
/A.C./		Article from Technical Report of IEICE, October 2002 entitled <i>Convolutional Coded Coherent and Differential Unitary Space-Time Modulated OFDM with Bit Interleaving for Multiple Antennas System</i>	
/A.C./		Article from Technical Report of IEICE, January, 2003 entitled <i>LDPC Coded Unitary Space-Time Modulated OFDM in Broadband Mobile Channel</i>	
/A.C./		Article from IEEE Transactions of Information Theory, March, 2000 entitled <i>Unitary Space-Time Modulation for Multiple-Antenna Communications in Rayleigh Flat Fading</i>	

Examiner Signature	/Albert Chou/	Date Considered	12/19/2008
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